Terms used **predictive near model** and **score** and **rank** Found **91,975** of **139,567**

Sort results by relevance Save results to a Binder

Display results expanded form Search Tips

Open results in a new window

Try an Advanced Search

Try this search in The ACM Guide

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next

Best 200 shown Relevance scale

1 Queries: Predicting query performance

Steve Cronen-Townsend, Yun Zhou, W. Bruce Croft

August 2002 **Proceedings of the 25th annual international ACM SIGIR conference on Research and development in information retrieval**

Full text available: pdf(258.74 KB) Additional Information: full citation, abstract, references, citings, index terms

We develop a method for predicting query performance by computing the relative entropy between a query language model and the corresponding collection language model. The resulting *clarity score* measures the coherence of the language usage in documents whose models are likely to generate the query. We suggest that clarity scores measure the ambiguity of a query with respect to a collection of documents and show that they correlate positively with average precision in a variety of TREC tes ...

Keywords: ambiguity, clarity, information theory, language models

2 Poster papers - short papers: The link prediction problem for social networks

David Liben-Nowell, Jon Kleinberg

November 2003 **Proceedings of the twelfth international conference on Information and knowledge management**

Full text available: pdf(85.72 KB) Additional Information: full citation, abstract, references, index terms

Given a snapshot of a social network, can we infer which new interactions among its members are likely to occur in the near future? We formalize this question as the *link prediction problem*, and develop approaches to link prediction based on measures the "proximity" of nodes in a network. Experiments on large co-authorship networks suggest that information about future interactions can be extracted from network topology alone, and that fairly subtle measures for detecting node proximity c ...

Keywords: link analysis, link prediction, social networks

3 Predicting the performance of linearly combined IR systems

Christopher C. Vogt, Garrison W. Cottrell

August 1998 **Proceedings of the 21st annual international ACM SIGIR conference on Research and development in information retrieval**

Full text available: pdf(896.96 KB) Additional Information: full citation, references, citings, index terms

4 An efficient boosting algorithm for combining preferences

Yoav Freund, Raj Iyer, Robert E. Schapire, Yoram Singer
December 2003 **The Journal of Machine Learning Research**, Volume 4

Full text available: pdf(392.20 KB) Additional Information: full citation, abstract, index terms

We study the problem of learning to accurately rank a set of objects by combining a given collection of ranking or preference functions. This problem of combining preferences arises in several applications, such as that of combining the results of different search engines, or the "collaborative-filtering" problem of ranking movies for a user based on the movie rankings provided by other users. In this work, we begin by presenting a formal framework for this general problem. We then describe and ...

5 Tree induction vs. logistic regression: a learning-curve analysis
Claudia Perlich, Foster Provost, Jeffrey S. Simonoff
December 2003 **The Journal of Machine Learning Research**, Volume 4

Full text available: pdf(263.37 KB) Additional Information: full citation, abstract, citings, index terms

Tree induction and logistic regression are two standard, off-the-shelf methods for building models for classification. We present a large-scale experimental comparison of logistic regression and tree induction, assessing classification accuracy and the quality of rankings based on class-membership probabilities. We use a learning-curve analysis to examine the relationship of these measures to the size of the training set. The results of the study show several things. (1) Contrary to some prior o ...

6 Technique for automatically correcting words in text
Karen Kukich
December 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 4

Full text available: pdf(6.23 MB) Additional Information: full citation, abstract, references, citings, index terms, review

Research aimed at correcting words in text has focused on three progressively more difficult problems:(1) nonword error detection; (2) isolated-word error correction; and (3) context-dependent work correction. In response to the first problem, efficient pattern-matching and n-gram analysis techniques have been developed for detecting strings that do not appear in a given word list. In response to the second problem, a variety of general and application-specific spelling cor ...

Keywords: n-gram analysis, Optical Character Recognition (OCR), context-dependent spelling correction, grammar checking, natural-language-processing models, neural net classifiers, spell checking, spelling error detection, spelling error patterns, statistical-language models, word recognition and correction

7 Evaluating collaborative filtering recommender systems
Jonathan L. Herlocker, Joseph A. Konstan, Loren G. Terveen, John T. Riedl
January 2004 **ACM Transactions on Information Systems (TOIS)**, Volume 22 Issue 1

Full text available: pdf(253.92 KB) Additional Information: full citation, abstract, references, index terms

Recommender systems have been evaluated in many, often incomparable, ways. In this article, we review the key decisions in evaluating collaborative filtering recommender systems: the user tasks being evaluated, the types of analysis and datasets being used, the ways in which prediction quality is measured, the evaluation of prediction attributes other than quality, and the user-based evaluation of the system as a whole. In addition to reviewing the evaluation strategies used by prior researchers ...

Keywords: Collaborative filtering, evaluation, metrics, recommender systems

8 Modeling transcription programs: inferring binding site activity and dose-response model optimization
Amos Tanay, Ron Shamir

April 2003 **Proceedings of the seventh annual international conference on Computational molecular biology**

Full text available: pdf(277.65 KB) Additional Information: full citation, abstract, references, index terms

The modeling of transcription regulation programs is a major focus of today's biology. The challenge is to utilize diverse high-throughput data (gene expression, promoter binding site localization assays, protein expression) in order to infer the mechanistic models of transcription control. We propose a new model which integrates transcription factor-gene affinities, protein abundance and gene expression levels. Transcription factor binding site activity is represented by a dose-affinity-respons ...

9 Modeling user behavior: Predicting human interruptibility with sensors: a Wizard of Oz feasibility study

Scott Hudson, James Fogarty, Christopher Atkeson, Daniel Avrahami, Jodi Forlizzi, Sara Kiesler, Johnny Lee, Jie Yang

April 2003 **Proceedings of the conference on Human factors in computing systems**

Full text available: pdf(727.56 KB) Additional Information: full citation, abstract, references, citings, index terms

A person seeking someone else's attention is normally able to quickly assess how interruptible they are. This assessment allows for behavior we perceive as natural, socially appropriate, or simply polite. On the other hand, today's computer systems are almost entirely oblivious to the human world they operate in, and typically have no way to take into account the interruptibility of the user. This paper presents a Wizard of Oz study exploring whether, and how, robust sensor-based predictions of ...

Keywords: context-aware computing, machine learning, sensor-based interfaces, situationally appropriate interaction

10 Special issue on using large corpora: II: Coping with ambiguity and unknown words through probabilistic models

Ralph Weischedel, Richard Schwartz, Jeff Palmucci, Marie Meteer, Lance Ramshaw

June 1993 **Computational Linguistics**, Volume 19 Issue 2

Full text available: pdf(1.59 MB) Publisher Site Additional Information: full citation, abstract, references

From spring 1990 through fall 1991, we performed a battery of small experiments to test the effectiveness of supplementing knowledge-based techniques with probabilistic models. This paper reports our experiments in predicting parts of speech of highly ambiguous words, predicting the intended interpretation of an utterance when more than one interpretation satisfies all known syntactic and semantic constraints, and learning caseframe informationfor verbsfrom example uses.From these experiments, w ...

11 A study of smoothing methods for language models applied to information retrieval

Chengxiang Zhai, John Lafferty

April 2004 **ACM Transactions on Information Systems (TOIS)**, Volume 22 Issue 2

Full text available: pdf(296.22 KB) Additional Information: full citation, abstract, references, index terms

Language modeling approaches to information retrieval are attractive and promising because they connect the problem of retrieval with that of language model estimation, which has been studied extensively in other application areas such as speech recognition. The basic idea of these approaches is to estimate a language model for each document, and to then rank documents by the likelihood of the query according to the estimated language model. A central issue in language model estimation is *smo* ...

***Keywords**: Dirichlet prior smoothing, EM algorithm, Jelinek--Mercer smoothing, Statistical language models, TF-IDF weighting, absolute discounting smoothing, backoff smoothing, interpolation smoothing, leave-one-out, risk minimization, term weighting, two-stage smoothing*

12 Comprehensive statistical method for protein fold recognition

Jadwiga R. Bieńkowska, Lihua Yu, Sophia Zarakhovich, Robert G. Rogers, Temple F. Smith

April 2000 **Proceedings of the fourth annual international conference on Computational molecular biology**

Full text available: pdf(1.08 MB) Additional Information: full citation, abstract, references

We present a protein fold recognition method that uses a comprehensive statistical interpretation of structural Hidden Markov Models (HMMs). The structure/fold recognition is done by summing the probabilities of all sequence-to-structure alignments Conventionally, Boltzmann statistics dictate that the optimal alignment can give an estimate of the lowest free energy of the sequence conformation imposed by the structural model. The alignment is optimized for a scoring function that is interpret ...

13 Improving statistical language model performance with automatically generated word hierarchies

John G. McMahon, Francis J. Smith

June 1996 **Computational Linguistics**, Volume 22 Issue 2

Full text available: pdf(2.02 MB) Additional Information: full citation, abstract, references, citings

Publisher Site

An automatic word-classification system has been designed that uses word unigram and bigram frequency statistics to implement a binary top-down form of word clustering and employs an average class mutual information metric. Words are represented as *structural tags*---n-bit numbers the most significant bit-patterns of which incorporate class information. The classification system has revealed some of the lexical structure of English, as well as some phonemic and semantic structure. The syst ...

14 Challenges in information retrieval and language modeling: report of a workshop held at the center for intelligent information retrieval, University of Massachusetts Amherst, September 2002

James Allan, Jay Aslam, Nicholas Belkin, Chris Buckley, Jamie Callan, Bruce Croft, Sue Dumais, Norbert Fuhr, Donna Harman, David J. Harper, Djoerd Hiemstra, Thomas Hofmann, Eduard Hovy, Wessel Kraaij, John Lafferty, Victor Lavrenko, David Lewis, Liz Liddy, R. Manmatha, Andrew McCallum, Jay Ponte, John Prager, Dragomir Radev, Philip Resnik, Stephen Robertson, Roni Rosenfeld, Salim Roukos, Mark Sanderson, Rich Schwartz, Amit Singhal, Alan Smeaton, Howard Turtle, Ellen Voorhees, Ralph Weischedel, Jinxi Xu, ChengXiang Zhai

April 2003 **ACM SIGIR Forum**, Volume 37 Issue 1

Full text available: pdf(1.60 MB) Additional Information: full citation

15 Automatic combination of multiple ranked retrieval systems

Brian T. Bartell, Garrison W. Cottrell, Richard K. Belew

August 1994 **Proceedings of the 17th annual international ACM SIGIR conference on Research and development in information retrieval**

Full text available: pdf(834.64 KB) Additional Information: full citation, references, citings, index terms

16 Music information retrieval: Harmonic models for polyphonic music retrieval

Jeremy Pickens, Tim Crawford

November 2002 **Proceedings of the eleventh international conference on Information and knowledge management**

Full text available: pdf(155.14 KB) Additional Information: full citation, abstract, references, citings

Most work in the ad hoc music retrieval field has focused on the retrieval of monophonic documents using monophonic queries. Polyphony adds considerably more complexity. We

present a method by which polyphonic music documents may be retrieved by polyphonic music queries. A new harmonic description technique is given, wherein the information from all chords, rather than the most significant chord, is used. This description is then combined in a new and unique way with Markov statistical methods t ...

17 Dependency networks for inference, collaborative filtering, and data visualization

David Heckerman, David Maxwell Chickering, Christopher Meek, Robert Rounthwaite, Carl Kadie

September 2001 **The Journal of Machine Learning Research**, Volume 1

Full text available: pdf(337.07 KB) Additional Information: full citation, abstract

We describe a graphical model for probabilistic relationships--an alternative to the Bayesian network--called a dependency network. The graph of a dependency network, unlike a Bayesian network, is potentially cyclic. The probability component of a dependency network, like a Bayesian network, is a set of conditional distributions, one for each node given its parents. We identify several basic properties of this representation and describe a computationally efficient procedure for learning the gra ...

18 Research track: Nantonac collaborative filtering: recommendation based on order responses

Toshihiro Kamishima

August 2003 **Proceedings of the ninth ACM SIGKDD international conference on Knowledge discovery and data mining**

Full text available: pdf(134.24 KB) Additional Information: full citation, abstract, references, index terms

A recommender system suggests the items expected to be preferred by the users. Recommender systems use collaborative filtering to recommend items by summarizing the preferences of people who have tendencies similar to the user preference. Traditionally, the degree of preference is represented by a scale, for example, one that ranges from one to five. This type of measuring technique is called the semantic differential (SD) method. Web adopted the ranking method, however, rather than the SD metho ...

Keywords: collaborative filtering, order, recommender system

19 Accurate static estimators for program optimization

Tim A. Wagner, Vance Maverick, Susan L. Graham, Michael A. Harrison

June 1994 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 1994 conference on Programming language design and implementation**, Volume 29 Issue 6

Full text available: pdf(1.04 MB) Additional Information: full citation, abstract, references, citings, index terms

Determining the relative execution frequency of program regions is essential for many important optimization techniques, including register allocation, function inlining, and instruction scheduling. Estimates derived from profiling with sample inputs are generally regarded as the most accurate source of this information; static (compile-time) estimates are considered to be distinctly inferior. If static estimates were shown to be competitive, however, their convenience would outweigh minor ...

20 Searching the Web

August 2001 **ACM Transactions on Internet Technology (TOIT)**, Volume 1 Issue 1

Full text available: pdf(319.98 KB) Additional Information: full citation, abstract, references, citings, index terms, review

We offer an overview of current Web search engine design. After introducing a generic search engine architecture, we examine each engine component in turn. We cover crawling, local Web page storage, indexing, and the use of link analysis for boosting search performance. The most common design and implementation techniques for each of these components are presented. For this presentation we draw from the literature and from our own experimental search engine testbed. Emphasis is on introduci ...

Keywords: HITS, PageRank, authorities, crawling, indexing, information retrieval, link analysis, search engine

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next

Terms used **predictive near model** and **score** and **rank** and **tree** Found **139,567** of **139,567**

Sort results by relevance

Display results expanded form

Save results to a Binder

Search Tips

Open results in a new window

Try an Advanced Search

Try this search in The ACM Guide

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next

Best 200 shown Relevance scale

1 Tree induction vs. logistic regression: a learning-curve analysis

Claudia Perlich, Foster Provost, Jeffrey S. Simonoff

December 2003 **The Journal of Machine Learning Research**, Volume 4

Full text available: pdf(263.37 KB) Additional Information: full citation, abstract, citings, index terms

Tree induction and logistic regression are two standard, off-the-shelf methods for building models for classification. We present a large-scale experimental comparison of logistic regression and tree induction, assessing classification accuracy and the quality of rankings based on class-membership probabilities. We use a learning-curve analysis to examine the relationship of these measures to the size of the training set. The results of the study show several things. (1) Contrary to some prior o ...

2 Technique for automatically correcting words in text

Karen Kukich

December 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 4

Full text available: pdf(6.23 MB) Additional Information: full citation, abstract, references, citings, index terms, review

Research aimed at correcting words in text has focused on three progressively more difficult problems:(1) nonword error detection; (2) isolated-word error correction; and (3) context-dependent work correction. In response to the first problem, efficient pattern-matching and n-gram analysis techniques have been developed for detecting strings that do not appear in a given word list. In response to the second problem, a variety of general and application-specific spelling cor ...

Keywords: n-gram analysis, Optical Character Recognition (OCR), context-dependent spelling correction, grammar checking, natural-language-processing models, neural net classifiers, spell checking, spelling error detection, spelling error patterns, statistical-language models, word recognition and correction

3 Modeling user behavior: Predicting human interruptibility with sensors: a Wizard of Oz feasibility study

Scott Hudson, James Fogarty, Christopher Atkeson, Daniel Avrahami, Jodi Forlizzi, Sara Kiesler, Johnny Lee, Jie Yang

April 2003 **Proceedings of the conference on Human factors in computing systems**

Full text available: pdf(727.56 KB) Additional Information: full citation, abstract, references, citings, index terms

A person seeking someone else's attention is normally able to quickly assess how interruptible they are. This assessment allows for behavior we perceive as natural, socially appropriate, or simply polite. On the other hand, today's computer systems are almost

entirely oblivious to the human world they operate in, and typically have no way to take into account the interruptibility of the user. This paper presents a Wizard of Oz study exploring whether, and how, robust sensor-based predictions of ...

Keywords: context-aware computing, machine learning, sensor-based interfaces, situationally appropriate interaction

4 Special issue on using large corpora: II: Coping with ambiguity and unknown words through probabilistic models

Ralph Weischedel, Richard Schwartz, Jeff Palmucci, Marie Meteer, Lance Ramshaw
June 1993 **Computational Linguistics**, Volume 19 Issue 2

Full text available: pdf(1.59 MB) Additional Information: full citation, abstract, references
Publisher Site

From spring 1990 through fall 1991, we performed a battery of small experiments to test the effectiveness of supplementing knowledge-based techniques with probabilistic models. This paper reports our experiments in predicting parts of speech of highly ambiguous words, predicting the intended interpretation of an utterance when more than one interpretation satisfies all known syntactic and semantic constraints, and learning caseframe informationfor verbsfrom example uses.From these experiments, w ...

5 Dependency networks for inference, collaborative filtering, and data visualization

David Heckerman, David Maxwell Chickering, Christopher Meek, Robert Rounthwaite, Carl Kadie
September 2001 **The Journal of Machine Learning Research**, Volume 1

Full text available: pdf(337.07 KB) Additional Information: full citation, abstract

We describe a graphical model for probabilistic relationships--an alternative to the Bayesian network--called a dependency network. The graph of a dependency network, unlike a Bayesian network, is potentially cyclic. The probability component of a dependency network, like a Bayesian network, is a set of conditional distributions, one for each node given its parents. We identify several basic properties of this representation and describe a computationally efficient procedure for learning the gra ...

6 Improving statistical language model performance with automatically generated word hierarchies

John G. McMahon, Francis J. Smith
June 1996 **Computational Linguistics**, Volume 22 Issue 2

Full text available: pdf(2.02 MB) Additional Information: full citation, abstract, references, citings
Publisher Site

An automatic word-classification system has been designed that uses word unigram and bigram frequency statistics to implement a binary top-down form of word clustering and employs an average class mutual information metric. Words are represented as *structural tags*---n-bit numbers the most significant bit-patterns of which incorporate class information. The classification system has revealed some of the lexical structure of English, as well as some phonemic and semantic structure. The syst ...

7 Recommender systems using linear classifiers

Tong Zhang, Vijay S. Iyengar
March 2002 **The Journal of Machine Learning Research**, Volume 2

Full text available: pdf(213.65 KB) Additional Information: full citation, abstract, references, citings, index terms

Recommender systems use historical data on user preferences and other available data on users (for example, demographics) and items (for example, taxonomy) to predict items a new user might like. Applications of these methods include recommending items for purchase and personalizing the browsing experience on a web-site. Collaborative filtering

methods have focused on using just the history of user preferences to make the recommendations. These methods have been categorized as *memory-based*
Keywords: collaborative filtering, decision trees, linear models, recommender systems, unbalanced data

8 Classification and regression: money *can* grow on trees
Johannes Gehrke, Wie-Yin Loh, Raghu Ramakrishnan
August 1999 **Tutorial notes of the fifth ACM SIGKDD international conference on Knowledge discovery and data mining**

Full text available: pdf(2.95 MB) Additional Information: full citation, abstract, references, citings, index terms

With over 800 million pages covering most areas of human endeavor, the World-wide Web is a fertile ground for data mining research to make a difference to the effectiveness of information search. Today, Web surfers access the Web through two dominant interfaces clicking on hyperlinks and searching via keyword queries This process is often tentative and unsatisfactory Better support is needed for expressing one's information need and dealing with a search result in more structured ways than ...

9 Information extraction: Is question answering an acquired skill?
Ganesh Ramakrishnan, Soumen Chakrabarti, Deepa Paranjpe, Pushpak Bhattacharya
May 2004 **Proceedings of the 13th conference on World Wide Web**

Full text available: pdf(260.13 KB) Additional Information: full citation, abstract, references, index terms

We present a question answering (QA) system which learns how to detect and rank answer passages by analyzing questions and their answers (QA pairs) provided as training data. We built our system in only a few person-months using off-the-shelf components: a part-of-speech tagger, a shallow parser, a lexical network, and a few well-known supervised learning algorithms. In contrast, many of the top TREC QA systems are large group efforts, using customized ontologies, question classifiers, and highl ...

Keywords: machine learning, question answering

10 Learning and making decisions when costs and probabilities are both unknown
Bianca Zadrozny, Charles Elkan
August 2001 **Proceedings of the seventh ACM SIGKDD international conference on Knowledge discovery and data mining**

Full text available: pdf(920.23 KB) Additional Information: full citation, abstract, references, citings, index terms

In many data mining domains, misclassification costs are different for different examples, in the same way that class membership probabilities are example-dependent. In these domains, both costs and probabilities are unknown for test examples, so both cost estimators and probability estimators must be learned. After discussing how to make optimal decisions given cost and probability estimates, we present decision tree and naive Bayesian learning methods for obtaining well-calibrated probability ...

11 Automated assistants to aid humans in understanding team behaviors
Taylor Raines, Milind Tambe, Stacy Marsella
June 2000 **Proceedings of the fourth international conference on Autonomous agents**

Full text available: pdf(1.09 MB) Additional Information: full citation, references, index terms

12 Accurate static estimators for program optimization
Tim A. Wagner, Vance Maverick, Susan L. Graham, Michael A. Harrison
June 1994 **ACM SIGPLAN Notices , Proceedings of the ACM SIGPLAN 1994 conference on Programming language design and implementation**, Volume 29 Issue 6

Full text available: pdf(1.04 MB) Additional Information: full citation, abstract, references, citings, index terms

Determining the relative execution frequency of program regions is essential for many important optimization techniques, including register allocation, function inlining, and instruction scheduling. Estimates derived from profiling with sample inputs are generally regarded as the most accurate source of this information; static (compile-time) estimates are considered to be distinctly inferior. If static estimates were shown to be competitive, however, their convenience would outweigh minor ...

13 Magical thinking in data mining: lessons from CoIL challenge 2000

Charles Elkan

August 2001 **Proceedings of the seventh ACM SIGKDD international conference on Knowledge discovery and data mining**

Full text available: pdf(602.56 KB) Additional Information: full citation, abstract, references, citings, index terms

CoIL challenge 2000 was a supervised learning contest that attracted 43 entries. The authors of 29 entries later wrote explanations of their work. This paper discusses these reports and reaches three main conclusions. First, naive Bayesian classifiers remain competitive in practice: they were used by both the winning entry and the next best entry. Second, identifying feature interactions correctly is important for maximizing predictive accuracy: this was the difference between the winning classi ...

14 Improving accuracy in word class tagging through the combination of machine learning systems

Hans van Halteren, Walter Daelemans, Jakub Zavrel

June 2001 **Computational Linguistics**, Volume 27 Issue 2

Full text available: pdf(2.37 MB) Publisher Site Additional Information: full citation, abstract, references

We examine how differences in language models, learned by different data-driven systems performing the same NLP task, can be exploited to yield a higher accuracy than the best individual system. We do this by means of experiments involving the task of morphosyntactic word class tagging, on the basis of three different tagged corpora. Four well-known tagger generators (hidden Markov model, memory-based, transformation rules, and maximum entropy) are trained on the same corpus data. After comparis ...

15 Automatic combination of multiple ranked retrieval systems

Brian T. Bartell, Garrison W. Cottrell, Richard K. Belew

August 1994 **Proceedings of the 17th annual international ACM SIGIR conference on Research and development in information retrieval**

Full text available: pdf(834.64 KB) Additional Information: full citation, references, citings, index terms

16 Computational strategies for object recognition

Paul Suetens, Pascal Fua, Andrew J. Hanson

March 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 1

Full text available: pdf(6.37 MB) Additional Information: full citation, abstract, references, citings, index terms, review

This article reviews the available methods for automated identification of objects in digital images. The techniques are classified into groups according to the nature of the computational strategy used. Four classes are proposed: (1) the simplest strategies, which work on data appropriate for feature vector classification, (2) methods that match models to symbolic data structures for situations involving reliable data and complex models, (3) approaches that fit models to the photometry and ...

Keywords: image understanding, model-based vision, object recognition

17 Stable algorithms for link analysis

Andrew Y. Ng, Alice X. Zheng, Michael I. Jordan

September 2001 **Proceedings of the 24th annual international ACM SIGIR conference on Research and development in information retrieval**

Full text available: pdf(208.24 KB) Additional Information: full citation, abstract, references, citings, index terms

The Kleinberg HITS and the Google PageRank algorithms are eigenvector methods for identifying ``authoritative'' or ``influential'' articles, given hyperlink or citation information. That such algorithms should give reliable or consistent answers is surely a desideratum, and in~\cite{ijcaiPaper}, we analyzed when they can be expected to give stable rankings under small perturbations to the linkage patterns. In this paper, we extend the analysis and show how it gives insight into ways of de ...

18 Models of translational equivalence among words

I. Dan Melamed

June 2000 **Computational Linguistics**, Volume 26 Issue 2

Full text available: pdf(1.89 MB) Publisher Site Additional Information: full citation, abstract, references

Parallel texts (bitexts) have properties that distinguish them from other kinds of parallel data. First, most words translate to only one other word. Second, bitext correspondence is typically only partial---many words in each text have no clear equivalent in the other text. This article presents methods for biasing statistical translation models to reflect these properties. Evaluation with respect to independent human judgments has confirmed that translation models biased in this fashion are si ...

19 Top-*k* selection queries over relational databases: Mapping strategies and performance evaluation

Nicolas Bruno, Surajit Chaudhuri, Luis Gravano

June 2002 **ACM Transactions on Database Systems (TODS)**, Volume 27 Issue 2

Full text available: pdf(1.64 MB) Additional Information: full citation, abstract, references, citings, index terms

In many applications, users specify target values for certain attributes, without requiring exact matches to these values in return. Instead, the result to such queries is typically a rank of the "top *k*" tuples that best match the given attribute values. In this paper, we study the advantages and limitations of processing a top-*k* query by translating it into a single range query that a traditional relational database management system (RDBMS) can process efficiently. In particular, ...

Keywords: Multidimensional histograms, top-*k* query processing

20 Searching the Web

August 2001 **ACM Transactions on Internet Technology (TOIT)**, Volume 1 Issue 1

Full text available: pdf(319.98 KB) Additional Information: full citation, abstract, references, citings, index terms, review

We offer an overview of current Web search engine design. After introducing a generic search engine architecture, we examine each engine component in turn. We cover crawling, local Web page storage, indexing, and the use of link analysis for boosting search performance. The most common design and implementation techniques for each of these components are presented. For this presentation we draw from the literature and from our own experimental search engine testbed. Emphasis is on introduci ...

Keywords: HITS, PageRank, authorities, crawling, indexing, information retrieval, link analysis, search engine

Web

Results **31** - **40** of about **52,900** for **predictive +model +rank +score**. (**0.24** secon

INTRODUCTION
... **Predictive** capacity of the **model** is based on measures of dominant ... Table 1. Results of applied **model**. ... Table 2. Relative **rank** of suitability scores, higher **score** ...
www.nrac.wvu.edu/rm493-591/ fall2002/students/Thorne/INDEX.HTML.HTM - 101k - Cached - Similar pages

[PDF] S: COMMONPeterFiles for Prin
File Format: PDF/Adobe Acrobat - View as HTML
... **Predictive** Analysis TM or a Response **Predictive** Analysis TM ... Z-**score**, etc.) Validation Sample **Model**- Building Sample ... Match statistics **Score** and **rank** files TM ...
www.equifax.com/.../information_services/ documents/Matrix_Analysis_Information_Sheet_ver.9.01.pdf - Similar pages
[More results from www.equifax.com]

3 **Predictive** Data Mining Models
... SVM uses z-**score** or min-max normalization. ... by considering each attribute as a simple **predictive model** of the ... The predictor **rank** is the position in the list of ...
https://cwisdb.cc.kuleuven.ac.be/ ora10doc/datamine.101/b10698/3predict.htm - 48k - Cached - Similar pages

[PDF] White Paper
File Format: PDF/Adobe Acrobat - View as HTML
... The generic **model** that results creates a **rank** ... or **score**) to bad applicants (low **rank** or **score**), based on statistically significant **predictive** parameters. ...
www.igate.com/whitepapers/Insurance_Scoring.pdf - Similar pages

Local **Rank**, Hilltop, Oldscore, Local **Score**?
... a site is deemed an EXPERT in the hilltop **model**. ... Read Formatted Version. Local **Rank**, Hilltop, Oldscore, Local **Score**? ... the pre-Austin pool and I **predict** you will ...
forums.seochat.com/archive/t-8224 - 30k - Cached - Similar pages

[PDF] Controlling Attrition Through **Predictive** Models
File Format: PDF/Adobe Acrobat - View as HTML
... data was used to develop a **predictive model** one that ... The **score** would thus indicate the likelihood of a ... that the models built by Fractal **rank** order customers by ...
www.fractal.co.in/PDFs/attrition_control_casestudy.pdf - Similar pages

scoring
... A second mortgage refi **model** predicts which home owners ... POP scores are numeric scores that **predict** which accounts ... Accounts are **rank**-ordered based on how much ...
www.smrresearch.com/scoring.html - 11k - Cached - Similar pages

[PDF] Cross-Validation, **Predictive** Validity, and Time Course of the ...
File Format: PDF/Adobe Acrobat - View as HTML
... written on the label" had a higher **rank** order ... to have the highest **predictive** values: both scales achieved an improvement of the prediction of the **model** from 63 ...
oase.uci.kun.nl/~kan/BendepVoshaar.pdf - Similar pages

BizAdvantage
... calculated using an industry **model** provide greater ... New business decisions, where **predictive score** information supports ... percentage of other firms **rank** above it ...
www.bizadvantage.com/cgi-bin/writer.cgi/cr_faq.htm - 14k - Cached - Similar pages

[PDF] Bayesian **Predictive** Simultaneous Variable and Transformation ...
File Format: PDF/Adobe Acrobat - View as HTML

... transformation is selected for a particular predictor However the **rank** of X ... the same future design matrix X m The **predictive** density for Z under **model** m is ...
www.stat.colostate.edu/~jah/papers/simsel.pdf - Similar pages

◀ Goooooooooooogle ▶
Result Page: **Previous** 1 2 3 4 5 6 7 8 9 10 11 12 13 **Next**

predictive +model +rank +score Search

Search within results | Language Tools | Search Tips

Google Home - Advertising Programs - Business Solutions - About Google

Google

Web Images Groups News Froogle **more »**

jean traversay +predictive +model Search Advanced Search Preferences

Web

Results **1 - 7** of about **8** for **jean traversay +predictive +model**. (**0.47** secon

Circulating Matrix Metalloproteinases 1, 2, 9 and Their Inhibitors ...
... Francoise Morel, MD, Ph.D., and **Jean**-Pierre Zarski ... Leroy V, De **Traversay** C, Barnoud R, et al. ... C patients without hepatic fibrosis by a simple **predictive model**. ...
www.blackwell-synergy.com/links/ doi/10.1111/j.1572-0241.2004.04055.x/enhancedabs/ - Similar pages

Circulating Matrix Metalloproteinases 1, 2, 9 and Their Inhibitors ...
... MD, Francoise Morel, MD, Ph.D., and **Jean**-Pierre Zarski ... (41), especially with a better positive **predictive** value for ... 11. Leroy V, De **Traversay** C, Barnoud R, et al ...
www.blackwell-synergy.com/links/ doi/10.1111/j.1572-0241.2004.04055.x/abs/ - Similar pages

HealthLeaders - HealthLeaders
... are no absolutes, HealthLeaders member Nancy Paddison says **predictive** segmentation methods ... com members Andrea Allmon and **Jean** de **Traversay** say healthcare ...
www.healthleaders.com/news/features18.html - 101k - Cached - Similar pages

[PDF] Curriculum Vitae Patrick S. Bourgeron
File Format: PDF/Adobe Acrobat - View as HTML
... Students: **Jean** de **Traversay** (Sherbrooke University, MS, 1981, Dr. J ... 1998. Use of knowledge-based systems for nature reserve selection: a preliminary **model**. ...
instaar.colorado.edu/people/bios/bourgeron_cv.pdf - Similar pages

Journal of Hepatology, Volume: 28, Issue: 3, March, 1998
... Vincent; Baud, Marilyne; de **Traversay**, Caroline; Maynard ... chronic hepatitis: a new **predictive** index of ... Isabelle; Horsmans, Yves; Desager, **Jean**-Pierre; Delzenne ...
elsevier.lib.sjtu.edu.cn/cgi-bin/sciserv. pl?collection=journals&journal=01688278&issue=v28i0003 - 50k - Cached - Similar page

Post'U Paris 2003 - [Translate this page]
... Tirés à part : **Jean**-Pierre Zarski Département d ... 4. LEROY V, De **TRAVERSAY** C, BARNOUD R ... C patients without hepatic fibrosis by a simple **predictive model**. ...
www.fmcgastro.org/htdocs/postu03/238_zarski.htm - 39k - Cached - Similar pages

[PDF] Hepatitis C Virus Resistance to Antiviral Therapy
File Format: PDF/Adobe Acrobat - View as HTML
... E-mail: **jean**-michel.pawlotsky@hmn.ap-hop-paris.fr ... to synergize the antiviral effect of IFN- in this **model**. ... by a longer main- tenance phase, is **predictive** of a ...
www.aids-hepatitisc.org/hepatitis/ Sources/HCV-resistant-therapy.pdf - Similar pages

In order to show you the most relevant results, we have omitted some entries very similar to the 7 already displayed.
If you like, you can repeat the search with the omitted results included.

jean traversay +predictive +mode Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Web

Results **1** - **2** of about **4** for **arati deo +predictive +model**. (**0.31** secon

ICRA 1993
... 382-387; **Arati** S. **Deo**, Ian D ... Teleoperation. Koichi Funaya, Nobuaki Takanasi: **Predictive** Bilateral Master-Slave Manipulation with Statistical Environment **Model**. ...
www.sigmod.org/sigmod/dblp/db/conf/icra/icra1993-3.html - 47k - Cached - Similar pages

[PS] Bibliography of Self-Organizing Map (SOM) Papers: 1981-1997
File Format: Adobe PostScript - View as Text
... **Predictive** interscale image coding using vector quantization ... Novel neural network **model** combining radial basis function, competitive hebbian ... 171] **Arati** B. Baruah ...
www.cs.rhul.ac.uk/NCS/vol1_4.ps.gz - Similar pages

In order to show you the most relevant results, we have omitted some entries very similar to the 2 already displayed.
If you like, you can repeat the search with the omitted results included.

dblp.uni-trier.de

Arati S. Deo

List of publications from the DBLP Bibliography Server - FAQ

Ask others: ACM - CiteSeer - CSB - Google - HomePageSearch

		1995
4		Arati S. Deo, Ian D. Walker: Dynamics and Control Methods for Cooperating Manipulatros with Rolling Contacts. ICRA 1995: 1509-1516
		1993
3		Arati S. Deo, Ian D. Walker: Adaptive Non-linear Least Squares for Inverse Kinematics. ICRA (1) 1993: 186-19
2		Arati S. Deo, Ian D. Walker: Minimum Infinity-Norm Inverse Kinematic Solution For Redundant Manipulators ICRA (3) 1993: 388-394
		1991
1		Arati S. Deo, Joseph R. Cavallaro, Ian D. Walker: New Real-Time Robot Motion Algorithms Using Parallel VL Architectures. PPSC 1991: 369-375

DBLP: [Home | Search: Author, Title | Conferences | Journals]
Michael Ley (ley@uni-trier.de) Thu Jul 1 03:22:46 2004